

6

THIS MONTH WE SALUTE

REV. F.L. LUDWIG WA4DED

(SEE STORY AT RIGHT)

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FLORIDA SKIP

Vol. 10 No. 12

The All-Florida Radio Amateur's Publication

MAY 1967

Price 20¢

Last Chance-

The annual meeting of the ARRL Board of Directors will be held in Hartford on May 5, 1967. League members and affiliated clubs having suggestions about the course of ARRL affairs during the coming year should communicate with their appropriate division directors at the address shown on page 8 of any 1967 QST.

If time is short you may write to your director in care of ARRL Headquarters 225 Main Street, Newington, Conn. 06111.

Simulated Disaster A Success

By RELLA B. WEXLER

Saturday, March 11, 1967, in the little city of Marianna, Florida, population about 8,000, the sun shone brightly, and the weather had a feeling of summer with the temperature in the 80's. At 1 P.M. Central Standard Time the two local radio stations, WTYS and WTOT, warned of a 'disaster' - a plane had 'crashed' in the center of the town, close to the Chipola Hotel.

Within twenty minutes of the alert, the specially equipped, emergency mobile radio van of F. L. Ludwig, electronics instructor of the Florida School for Boys at Marianna (a State operated facility for 800 delinquent juveniles), was on the scene. Ludwig's radio station, WA4DED, began operating immediately with mobile power units, transmitting the first official disaster message to a

Chipley amateur station operated by G.D. McKechie, W4IKB. Lenox E. Williams, Superintendent of the Florida School for Boys at Marianna, and director of the Jackson County Emergency Squad, ordered all units to the scene.

The Florida School for Boys at Marianna is the home base station of WA4DED, operated by Ludwig, who is Public Service Corps Emergency Coordinator, and a member of the American Radio Relay League since December 1, 1962. The School is a great source of manpower

(continued on Page 10)



FRANK BUTLER W4RKH, SCM of W. Fla. (right) and Bruce WA9NEW/T, ex-Pres. of the Tallahassee R. C. meet March 7th for an eye-ball. Bruce made a flying trip to Ft. Walton Beach for a visit with RKH and Mac, W4IKB. Mac reminds us the new West Florida Phone Net now meets on 3957 kc nightly at 2300Z. (5 PM CST). Look for Frank and Mac there.

(photo by W4IKB)

Ham Rescues Ham

On Sunday March 26, 1967 at 4:56 P.M. EST, K4TST mobile called on 3940KC and asked for an emergency telephone call be made by any Winter Haven or Auburndale station. Although the frequency was loaded with members of the Florida Sidebanders Association getting ready for their regular weekly meeting at 5:00 P.M. no Winter Haven or Auburndale station was available.

W4FP, president, of the Sidebanders Association made the telephone call to a residence in Auburndale, requesting that they enter the house of a neighbor (friend of K4TST) and turn off an electric oven and remove a ham that had been cooking since very early that Sunday morning. The oven was turned off, the ham was save -- his call sign? None, it was just a ham being helped out by a couple of other hams.

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Dear Mabel XYL Award, c/o Skip, Box 501, Miami Springs, Fla.

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SEC-WESTERN SEC. George Thurston, W4MLE, 2116 Gibbs Dr., Tallahassee.



Letters To Editor

EDITOR:

Once upon a time I had an XYL who couldn't understand why I enjoyed radio so much and gladly observed the rule not to tidy up the "OP" table because of the danger involved.

I then got the mobile rig on the air and she decided long range control of her OM required a little more concentration so she put her fear and nerves in her pocket and now she is known as TG9BC. She operates with such ease that I'm forced to get in line and make seds if I desire a chat.

Why, one day she even gave me the routine, "Just QRX breaker if you want to QSL, I'm working a ZL1!" The shack is now so neat I can't find a thing!!! The only thing she lacks so far is a certificate of any sort.

Could you help her out with one of those in the Dear Mabel column of the directory? 73

Max Bond, TG9BM

EDITOR:

I heard on the air this morning that you were going to print in your magazine a list of free awards... that is no charge, other than some requiring postage, etc. Also was advised by W4BMC Bertha the yearly subscription to your magazine was \$2. So I would like to subscribe herewith with \$2, enclosed.

I am custodian of the YORK RADIO CLUB award which is free for contacting ten members of the club. We have issued 102 awards since its inception a few years ago. And... inasmuch as there is a possibility of myself moving to Florida some of these day to avoid our severe winters, I might as well start getting acquainted. I was 73 Jan. 12th and have been retired ten years after four coronary heart attacks and still bothered with severe angina attacks that require oxygen and hypodermics of demerol to relieve the severe chest pains and difficult breathing. A story about me which I refer to as my obituary appeared in November, 1966, CQ magazine.

Amateur Radio has been a wonderful thing for me in an incapacitated condition as I know it has for many others, and anyone contemplating retiring I can heartily recommend taking it up for something to do after retirement. I have many awards and need only two more counties for all 3079... one in Colorado and one in Hawaii. I have a SKYLANE quad and an EZ Way tower shipped her from Florida.

73's

Clyde H. Bidgood W4AJF

Editor Florida Skip:

I strongly recommend that you publish the Broadcast Nr 2, 9 Jan 67 from WAR as found on page 8 of the Army MARS News Letter of 2 Feb. 1967 regarding the Army's position in the use of Hertz instead of cycle.

Hertz is an unnecessary confusion to add to the increasingly complicated field of electronics. The idea of using Hertz may be "cute" but it serves no logical or sensible purpose. It has been suggested that Hertz be used for radio frequencies and cycle for audio frequencies, yet there is no definite separation between high audio frequency and extra low frequency radio

frequencies. The line of demarkation is purely arbitrary.

How can Hertz be defined except in terms of the cycle, revolution, or 360 electrical degrees? Cycle is found in ALL dictionaries. Hertz, as a substitute for cycle is found in none, nor is it in any of the multitude of electronic text books, many of which will be around for years to come.

I would be most happy to see Florida Skip get off the Hertz bandwagon. It makes me nauseated every time I read anything about Hertz in Florida Skip.

Most sincerely yours,
A.L. Wilcox W4ELR

Editor Florida Skip:

A lot of words have been spoken and publicly given to message service for the men in Viet Nam. Even pictures and write-ups of certain hams appear in newspapers from time to time.

Most of this traffic is with countries that do not have third party agreement with our country. In fact, some are on the banned list and I cannot understand how this lawbreaking goes on unpunished.

This all leads up to the main purpose of this letter. My son Bob left last November for Viet Nam. I asked him to be sure he utilized MARS to keep us informed. Bob made a stop in Hawaii on the way over and sent a message plus a post card. The card arrived on the third day and the radiogram came along seven days later. I decided to send a message via NTS to establish some pattern of traffic between us. At the time I was off the air due to station changes. The message was given to a local ham who put it on the SSB inter-continental net. That was in November of last year and up to now the message was not delivered or serviced.

How can a traffic man like myself hold up his head and encourage messages via NTS and have this kind of service to talk about?

I suggest the publicity hounds keep their mouths shut and just go on doing the job without fan-fare.

Best regards,

Bill Dunham, W4TRS
Sarasota, Fla.

Editor:

The Beaches Club of Jacksonville wishes to thank FLORIDA SKIP for the wonderful trophy that was received at the Miami Hamboree this past January. We all think that the time and monies spent in the awarding of these trophies is most greatly appreciated.

This club wishes to go on record that we are out to win again this year. Keep up the excellent work with FLORIDA SKIP, as this club faithfully reads this publication of yours,

James R. Abele, W4LUP
Secretary-Treasurer
Beaches Amateur Radio Society

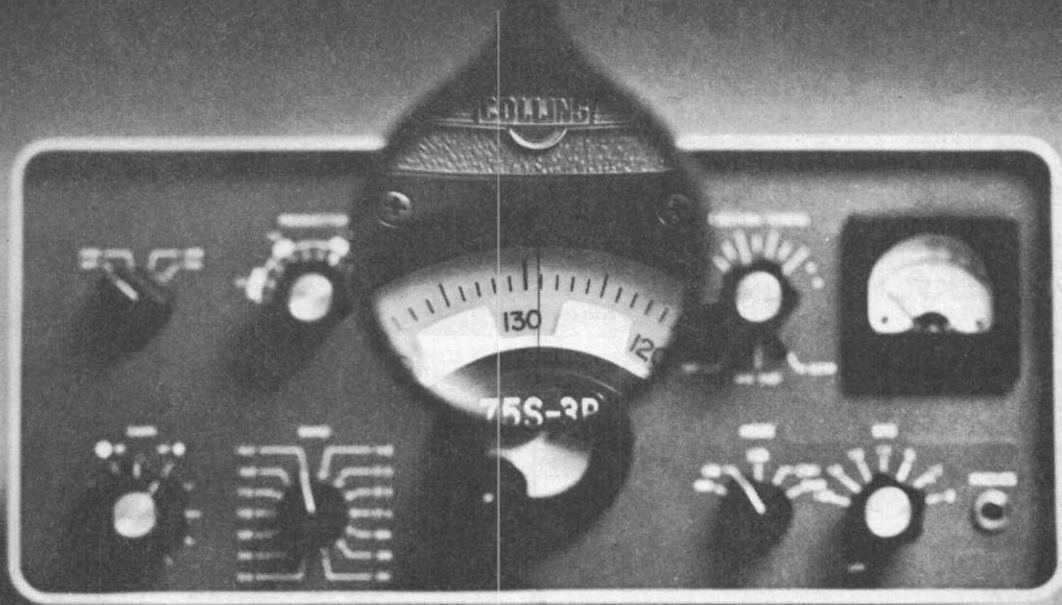
Dear Editor:

Keep the good work up, Florida Skip is getting better all the time.

Suggest cutting down on "Spark Gap" articles as most Hams, including myself, do not know what they are all about and I am no youngster.

Enclosed is my two dollars for my renewal for Florida Skip.

H.G. West W4LZD
Ft. Myers, Florida



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CERTIFICATE HUNTERS

Compiled by W4OHP John Bowman
Assisted by WA4BMC and K8CIR

Believe it or not there are many Florida amateurs interested in certificate hunting. Like working DX or trying for a BPL (Brass Pounders League), many amateurs work hard to earn a certificate. SKIP recently was requested by three top "hunters" (W4OHP, K8CIR, and WA4BMC) to publish a list of "free or postage only amateur awards." The same request went to our three leading amateur publications. Thusfar, FLORIDA SKIP is the only one to publish this list.

Due to its length we will break it up into 3 or 4 parts, so arranged they can be made into a booklet after cut out of SKIP.

Editor

1. DXCC ARRL
2. WAS ARRL
3. WAC ARRL
4. US Navy Award Pentagon Wash. 25 c/o Comm. Dir.
5. US Navy Award Submariner W4YVS
6. Maritime Mobile 1317 Orange Wood Ave., Pittsburg 16, Pa.
7. YL WAS W9GME
8. YL WAC W3UUG
9. YL DX W6UHA
10. YL CC W1ZEN
11. Rhode Is. YL W1WED
12. YL Penn-Jersey Cert.—P.O. Box 523 Morristown, Pa.
13. WHOOT by YL Texas K5GMI
14. WHO YL K5PIO
15. TYLRUN Y1 Net K5GBX
16. Loaded Clothes Line YL K5ECP
17. OHIO YL'S K8MZT
18. HAWK YL P.O. Box 135, Princeton, Ind.
19. LARK Award K9BWJ
20. YL Grandmothers K9HCY
21. LAD 'n Lassie YL 762 Juanita Ave., Santa Barbara, Calif.
22. MERMAID YL 2183 44th Ave., S.F. 16, Calif.
23. Polar Parka Lucky 7 KL7ALZ
24. KH6 YL Award KH6DUM
25. WKD Maine 122 Virginia St., Portland, Maine
26. 15X15 Cert. W1UOT
27. SPUDLAND Cert. W1EPN
28. WKD. all New Hampshire Rt. #2, Stickney Hill, Concord, N.H.
29. WKD Vermont W1FPS
30. Newport Cnty. R.I. W1TXL
31. Wkd. Cape Cod W1AKN
32. Dimlight Boys W1OHA
33. PODUNK E. Fletcher Howe St., E. Brookfield, Mass.
34. Farmington Award 14 Emmett St., Marlboro, Mass.
35. Wkd. Scallop Capital K1INO
36. D.A.R.C. K1ZSI
37. Norfolk Radio Assn., 6 Washington St., Norwood, Mass.
38. Capeway Award K1HGT
39. Wkd. Hampden Cty. K1LJU
40. Liars Club Cert. K1DTR
41. 6X6 Awd. W1FMK
42. Wk. Bristol, 135 Gibson Rd., Bristol, R.I.

Send SASE for award or certificate requirements to above, these are in the spirit of Amateur Radio.

A group of phone boys may sit for hours tolerating splashing and beats from adjacent phone signals and make but few comments. But let one CW man stray into their midst and they pounce on him like a pack of wolves after a stray sheep! Before you tell me its because it is the phone portion of the band go read your rules and regulations!!!

ONYX



A FREE SUBSCRIPTION to FLORIDA SKIP to anyone who can tell us the name and present call of the operator in the middle. Listening in were: C. Ludwie (left) and T. Zeiss from Bell Labs. By the way, this photo was taken in 1919. Not bad, huh?

VHF EASTERN FLORIDA

By Bertha Farr Eggert
WA4BMC

I have had a volunteer Assistant VHF-PAM for Dade County, Al Page WA4ZEV. Thank you Al, and all Dade County VHF stations please report your activities to him, once each month.

Gary, WB4DDO, in Indiantown wants some CW skeds on 2 meters with Miami.

Al, WA4ZEV tells me that there was an election for DEN Net Manager on April 3. VHF-PN has check-ins from Hollywood, Pompano, and Bell Glade. Six meter sideband has been working into South and Central America and also over to the West coast of Florida. There is talk of a Trophy for the VHF Operator of the month from Dade County.

Jess, W4MVB, our SCM, writes and tells me that most of the news up Jacksonville way concerns two meter FM. They operate regularly on 146.94 Mc. W4AKA, Tom, in Ocala K4NSG, Bill, in St. Augustine, WA4FLJ in Hampton, W4BMM in Gainesville and W4WAF in Daytona Beach are on this frequency in the mornings and the mobiles work them quite often. Jess was able to work K4ANW, Ted, in Miami on the 14th and 15th of April. Ted was also working into South Carolina on the 14th as well as Tom in Ocala. The band was open into Tampa and most of the areas south of Jacksonville on the 26th. Tom, W4AKA has about a hundred watts to a spiral array up about 70 ft. He and other well equipped sta-

tions seem to work Tampa and stations in excess of a 100 miles regularly. Thanks, Jess.

I also heard from Jack, K4-NTD, in Oakland. He tells me that there was a three day band opening on 2 meters starting on Sunday night, March 12. Bev, W4CKB worked John, W4LSQ in SE Alabama. K5WXZ in Garland, Texas, near Dallas was heard calling CQ at about a 559. Then W5UKQ, in Baton Rouge, La. came into Florida SSB and several Texas, La., and Alabama stations worked W4CKB, W4AWS, and one or two other central Fla. stations. Next night Mississippi came in with W5A-MZ and W5RCI and Arkansas, with W5GUG, all S9 signals. This night, no less than 7 states from S.C. to Ark. could be heard and worked on two. The next night N.C. was booming in and even Russ, W4ZXI, in Homestead was working the N.C. boys. W4NUS, K4QIF, W4BUZ and a couple of others in NC had fine signals and W4VHH in S. Car. was about 30 over 9. 432 activity was sadly lacking but Jack did manage to work W5RCI in Miss. for a new state and made it one way with W4NUS in NC. W7-JCU/4 in Montgomery, Ala. had a good signal on 432 and K4ZAJ was also coming in.

One night in April Jack and WA4GHK in Palm Bay tried to see how many amateur bands they could work two way on and above 144 MC. They succeeded on 144 MC, then on 432 and then 220 and finally 1296 MC.

Florida QSO Party Preview Of Results

By DAVE HAYDEN
W4WHK

CQ Fla de SM7DQK, KL7FRY
..... The CW section didn't exactly start out this way, but picked up speed as the test went on. It looks as though at least 65 states, provinces and countries were active working the party. Not too bad, considering the poor turnout of Fla. counties, estimated at no more than 20-tch!

It is known that some fone stations were active, but no info on that aspect has been received yet. I hope it was as productive or more so than the CW section.

Big scores among the early returns are K4VFY/Bay/48260, K4EHY/Pinellas/401/55, and W4BYB/Dade with over 400 QSO's. Several other stations were known to have over 300 contacts. G3FKM, KL7FRY and 3C3DDU are probable for-



THE CONFUSION NET fish-fry was held in Everglades City on March 5th. Here is the male contingent of the annual outing: (left to right by heads) Bill W4URL/4, Mousey W44JLD, John W4NE, Elmer W4AZQ, Zeke W4DNV, Al W44OXH, Jim K4SCS, Windy W4LZD, John K4JUX, Buster W44GVG, Rep and Walt W4ARU. (photo via W4NE)

(photo via W4NE)

eign leaders. U.S. stations with high serial numbers were W4-CKD, W1AQE, and W2ZV.

I will always be mystified at the "big guns" who crawl into the woodwork when our state operating pride is on the line.

Can anyone figure a way to get these good ops out for even a coupld of hours during the test?

We're not far from having the best state QSO party in the country — you guys wanna help. Final results will probably appear in June SKIP. '73. Dave.

**Note: All
E/F ECS**

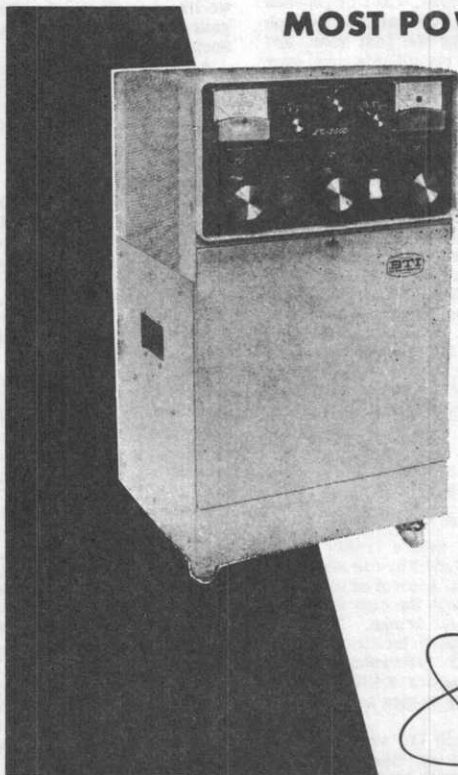
W4FP Ass't SEC East Florida advises that he has only received four form 5 AREC monthly reports for the month of April and three of them did not arrive until April 5. Each month these reports must be in the hands of the SCM by the 5th of the month in order that the information can be tabulated and forwarded to ARRL not later than the 7th for publication in QST and also to continue the fine record established by Andy Clark down through the years.

Perhaps it will be better to have the cards mailed on the 25th of each month, this will permit time for the usual delays in mail etc. Please send reports to W4FP P.O. Box 2273 Lakeland, Florida 33803.

SILENT KEY

We are deeply sorry to record the passing of another Florida amateur:

R.W. Elton, W4AIJ/NØVIC,
Jacksonville, Fla.



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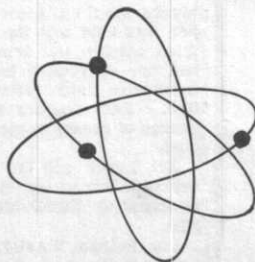
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CLUB NEWS

S. MIAMI RADIO

By John W4NE

Two more interesting meetings since last report. You ex-members should make note of the time and place and rejoin us. We need you and we think you will enjoy being with us again.

At our first meeting in April, two club activities were agreed upon. 1) A club QSO party on April 2, any band; and 2) A club project to design an eye catching QSL card which can be used by all club members by the addition of his own call.

Ernie K4KIC brought his Swan 240 to this meeting and with only the whip antenna on a car outside our meeting room (connected in by 150 ft. of coax), he demonstrated how similar equipment, the club goal, will find a useful application.

The recent "Flea Market" sales effort was considerably dampened by OM Jupiter Pluvius and only a small sum was realized. But our able and willing volunteers headed by K4KIC intend to have another shot at it April 9th.

We are always glad to have former members visit us when they are back in town from school or military service. Such a one was Terry, W4LFO at our 17 meeting.

Six of our members attended the recent auction sponsored by the Broward

Radio Club, including Jerry W4WUD, Charlie W4RSX, Ernie K4KIC, Jim W4KIL, Sandy W4KSD, Max W4M-EA. From all conflicting reports they must have picked up an assortment of items, aged and antique.

On the air activity on all bands by the majority of our club members seems to be the order of the day -- which is as it should be. Doc Lerner W4VQA reports his station on the air nearly every evening on 15 and 20; Ray K4EHQ is rather limited to early morning sessions with the Corncob Net while laboring with night school homework. John W4NE includes a daily 75 meter contact with the Confusion Net. Charlie W4SOP reports that he and Bud W4FFP have been spending most of their available time working on a 100 watt 2 meter repeater station with hopes momentarily of getting permission to install it atop the Federal Bldg. in downtown Miami (right above the FCC office no less!) We understand that Neal W4EWY has his modified Motorola police unit going great guns on 2. And hooray for Sandy, W4KSD, we hear that he crossed the equator on six meters.

Charlie W4RSX recently had a new homebrew Quad toppled by March winds. Some damage resulted but he hopes to have it back up in the next few days. As part of his duties with FP&L the past week he played a vital part in raising ERnie (K4KIC)'s line voltage, with the installation of a larger pole transformer and other needed line corrections.

Don't forget -- regular club meetings 1st and 3rd Fridays; Ponce de Leon Jr. High just off US #1 -- 8 pm. If it means missing your supper, come anyway -- we serve refreshments!

GAINESVILLE

By Bill Wells K4RDP

First report from us in months and months -- hope you've missed us. January: GARS new offers for 1967

NOMARC

WA4JKF

The North Miami Amateur Radio Club

Meets every 2nd and 4th Thursday at the North Miami Municipal Building

776 N.E. 125TH STREET

PH. 751-8431

AREC-CW-CD-RACES

RTTY-SSB-NETS

W4LX Fort Myers

Amateur Radio Club

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City Yacht Basin

Visitors Welcome

Club Active in ARPSC/NTS/

RTTY-TV/CD/MARS/DX/

FD and all contests

P.O. BOX 73

are: Mich Hudson W4UW, President; Ken Boynton, W4ZJZ, V. President and Bill Wells, K4RDP, Sec./Treas.

February: GARS AREC/RACES Ten Meter Net has grown to such a degree that all base stations have decided to go dual channel. We now have AREC/RACES on 29.55 MC and a general channel on 29.652 MC. Most are converted now and pleased with prompt service from the new J A N Crystal Co.

March: GARS Mobileers again have assisted in local county elections. We obtained the voting machine results from various widespread voting precincts through Alachua County and transmitted them via our CD/AREC mobile to CD Headquarters in the county courthouse and the results by runner to Voter Registration Headquarters. The local politics were

quarters. The local politicians were very happy or sad to get these results so much sooner than usual. In fact the whole "exercise" went off so smooth that it was almost routine.

W4DFU the Univ. of Florida Gator Radio Club station had about the busiest display at the recent Univ. of Florida Engineering and Science Fair. Many of the interested who visited the station were very impressed with the multitude of traffic handled "right on the spot". The operators handled many pieces of traffic to all parts of the world, especially Viet Nam. Good show, fellows.

Don't forget, Field Day coming up ... more next time.

TAMPA

By Marvin M. Bostian, W4HDK
(Via RTTY W4ZAG to W4FWI)

On April 3 the Tampa Amateur Radio Club had a dinner meeting honoring our new officers. The past president, Glenn Averill, W4LLU, opened the remarks by summarizing the club activities during the past year, and then turned the president's gavel over to our new president, Ray Darlin, W4DXC.

Ray made an excellent acceptance speech; and if the club lives up to his expectations, we will surely be booming in the coming year.

Frank Haines, W4GDS, took pictures to commemorate the event.

Our new slate of officers for the year 1967-68 are the following: President, Ray Darlin, W4DXC; Vice President, Ralph Coady, W4BNI; Treasurer, Don Fischer, W4CJG; Secretary, Lou Wilkerson, K4YHG; Trustee, Earl Miller, K4HFF; Editor, Marvin Bostian, W4HDK; Directors, Glenn Averill W4LLU, Frank Haines W4GDS, George Harrison K4YBD, Dan Reynolds W4COP, and Frank Shannon, K4GT.

FT. MYERS

By Ken W4SMK

The FMARC held a family picnic and outing at Judd Park in North Ft. Myers April 23. A covered dish supper was held with the club providing fried chicken and drinks. The park has fine recreation facilities for the harmonics and the fellowship was very fine. Earl Spencer K4FQU was in charge of arrangements and also head chef.

Art Lynch and his wife are on a cruise to Europe and other points. Art is operating W4DKJ/MM on 15 meter SSB.

Doc Putnam W4UJX/4 is a newcomer to the area. Doc is from Gainesville and can be heard often on his

mobile rig while going to work. He also has a new TR-4 for the home station. W4UJX plans to do lots of fishing here.

Ed Roller W4WYJ, reports some 294,000 points scored in the ARRL DX Test cw section. Ed uses low power and good antennas plus a secret technique to come up with these FB scores.

Stations with Naples traffic can send it to Ft. Myers stations who will relay it courtesy W4ALKY and his 2 meter net in Bonita Springs and Naples.

W4HDH was in the cw portion of the Fla. QSO party and W4SMK was on phone. Did anyone else get on?

We were amused by the recent newspaper articles in the Dear Abby Column concerning Amateur TVI. Guess that problem will always be with us.

Several of the local club members hope to attend the Orlando Ham Fest. Many of the LO's will be there.

Don't forget to send your monthly reports to the SCM and/or SEC. Keep Florida on top in reporting what you do for Amateur radio. Don't get lazy just because it's Spring gang.

GULFSTREAM SOCIETY

By Al Suhr, WB4AID

The regular meeting of the Gulfstream Society of Amateur Radio Operators took place on April 7 at the Lake Worth HDQTRS. Plans are being developed for a demonstration of amateur radio during Amateur Radio Week, June 18-24. Floyd Jones, W4IXS and Mel Wrobbel, K4EBZ were appointed co-chairmen of this activity.

A field day excursion is in the wind according to Field Day Chairman Jim Johnson, W4JBZ. We don't know exactly what Jim is cooking up -- but we like surprises. Our field day last year was a lot of wholesome fun for Society members.

A letter from Warren Little, W4EFA/M, indicates good progress in his EE endeavor at the U. of F. in Gainesville. He'll be home for the class instruction of April 21 to lecture on FET. This will be interesting as are all of his lectures.

Society Engineer -- Trusty, Stan Sealise, W4WZZ, with WB4AID, W44IXS and Vice President Frank Piverotto, W44TBN, installed a 40 meter dipole over the Society HDQTRS. The Station Engineer also accepted the loan of a complete station from new Society member Tom Butler, W44IET.

Treasurer for the Society, Bob Rodrique, W4AIF, in his quarterly report, stated that we are solvent. The report of Secretary John Fulfors, W44VPY, included information that his new job will take him away from Society activity for a while. A temporary Secretary will be appointed.

We were glad to welcome new member Tom Butler, W44IET, who responded on March 31 to our letter of invitation. Tom is an Observer for the Smithsonian Institute Astrophysical Observatory in Jonathon Dickinson State Park. He's a graduate chemist and a real Ham. He'll be a part of our teaching staff soon.

Ed Wilder, WB4AIG, also responded to an invitation -- he's now in the Army and preparing to attend Fixed Transmitter School. We wish him good fortune and will certainly miss him.

We are still waiting for the Society call to arrive from FCC. That will be a great day for us.

The 6th edition of the Ham Phone Directory, listing about 2000 Calls, Handles & Phone numbers of Amateurs in Dade, Broward and Monroe Counties. Subscription \$1.00.

HAM RADIO DIRECTORY

Morris Stabin, K4DJW, Editor
1136 S.W. 74th Court
Miami, Florida 33144

BROWARD AMATEUR RADIO CLUB, INC. W4AB

Meets 2nd Wednesday of Month
All amateurs invited to attend club meeting at:

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CLUB & NET NEWS

TROPICAL PHONE

By Ken W4SMK

The Tropical Phone Traffic Net meets daily, except Sundays, on 3945 Kc. at 2200 GMT. We welcome AM or CW stations, but prefer you operate lower sideband if you can. The TPTN is a directed net with a different NCS each day and a roll call of some forty stations in east Fla. We often have stations from west Fla., also.

If you wish to be placed on the TPTN roll call send a radiogram request to Net Manager WA4COR or to Asst. Net Manager W4SMK. Please do not request a place on the roll unless you can actively participate several days per week. When operating in this net, or any net, zero beat the NCS carefully. If you are not on the roll call wait until after the roll (about 10 minutes) and check in at the appropriate time when the NCS calls for stations with traffic and without traffic. Call in by giving your call only and standing by. The NCS will then acknowledge you and ask for your traffic, etc.

The TPTN was started in the early 1950's by W4TJU and a group of others who began meeting on 3945 to chat. Gradually this group began handling traffic and their social net developed into a formal traffic net. The Tropical Net is affiliated with the ARRL NTS and is listed in their Net Directory. We have good liaison with the other Fla. phone, cw, and rty nets and with MARS.

The net usually runs for about 30 minutes and rarely more than an hour unless there is a great deal of traffic. Please join us as soon as possible after the net begins since some of our outlet stations may be short of time. If you must leave before the net is closed try and advise the NCS of your leaving. We do our best to handle the net quickly and efficiently, but accuracy comes first in this.

Future articles on TPTN will be news about net members and operations. TPTN members send news items to W4SMK for this column.

NOFARS NEWS

By Howard Kelley K4DSN

After March's unusual meeting aboard the U.S.S. Oceanographer, NOFARS settled down to some serious business in April. The club's education committee has laid the ground work for code and theory classes that will be underway in late Spring.

Much of the talk is still about the meeting aboard the sea-going science laboratory. It's a home-away-from-home for club member Capt. Art Wardwell, K1SUO. Art has a well equipped ham shack aboard the big new ship. Most of his operating time is spent in QSO's with Jacksonville hams for phone patches back to his wife. There are also two other hams on board. The Oceanographer has since left for a round the world voyage eventually putting into port at its new permanent home -- Seattle.

Initial work is underway for another Field Day victory by this North Florida club. The nationally known Gator Bowl will be the FD QTH for W4IZ/4.

Following the resignation of John Dent, WA4MEJ, Ed Edwards, WA4SGF has been elected NOFARS' new vice-president. The press of business will limit the activity of John.

ORLANDO RAMBLINGS

By Hal, W4BKC

I do not suppose anyone, except those involved, has any idea of the amount of work involved and the thousands and one details that must be attended to in putting on a Hamfest and how many times Murphy's Law-le: if anything can possibly go wrong, it will. It's just amazing to me anyway, when the big week-end arrives and everything seems to untangle itself and things happen, more or less on sked, without too many boo boos.

Congrats to Wes Gardner, K4KRG, and all the members of the various committees for another job well done.

Cliff Yarbrough, W4CFA and Sarah made a trip to Alexandria, Va. and Wash. D.C. to see some of their kin-folks. Missed LBJ but did go through the Smithsonian Institute. Real impressive but still felt good to get back to Orlando.

Dave Hall, W4TOD revamped the cover of the Hamfest Program and Bill Roush, K4FXF, ran it and the rest of the program off. (Bill also runs off the "Listening Post" the Club paper, each month during the year.)

Just to give you an idea of Florida Skip circulation, Ace Hume, K4AKQ, got a letter from Viet Nam saying that he had noticed in the Florida Skip that Ace was a stamp collector and inviting him to join the international group of philatelists. That Skip really gets around.

After you get over that first attack of Spring Fever, how about checking over the generator, and other gear used during the Hurricane season; it will be here, don't get caught short.

DADE RADIO

By W4EDP

That time of the year arrived again and an election was held to choose officers for the next year. The following are the new officers: President - J. Frison K4JWM; V.P. - T. Levy W4HOS; Treasurer - R. Incho WA4BAL; Director - G. Elliot K4KJ-A; P. Krug W4LGP, and J. Merrill. For the first time in 14 years we have a new Secretary - M. Lollis, Evelyn W4WYR, the retiring said "Ah-h-h-h at last a replacement." The club owes a lot to Evelyn for all she has done for the club these many years. We all wish the very best to all the new officers, may their reign be peaceful and productive.

On April 18 the club will be touring the new weather center at the University of Miami. I'll tell you all about it next month.

Chuck Bolvin W4LVV our ARRL director asked for and received sentiments of the club members on various items that are going to be discussed at the next Board of Directors meeting in May. Some of these items are very important to the membership of ARRL and if you are a member by all means let Chuck know your feelings about them. He cannot act for the members of the Southeast Div, unless he knows their thinking and desires. Drop him a line, he will be glad to hear from you on anything pertaining to ARRL business.



ON MARCH 29th the SE Chapter of QCWA (Quarter Century Wireless Assn.) held its semi-yearly dutch dinner at the Robin Hood Inn in Miami. (Left to right by heads) All W4's DQO (40), DF (36) YHW (27), IYT (27), GJ (47), ANP (38), OLW (30), LVV (33), CX (51), BTM (38), and ILE (32). A total of 398 amateur radio years. (photo by W4YHW)

HARS NEWS

By Roy Scott - W4UHF

HARS has outgrown the capacity for seating in its Sulphur Springs Clubhouse, and while this will continue to be used as Club Headquarters and for classes of instruction, the monthly meetings are now being held at the Odd Fellows Hall on Nebraska Avenue with excellent facilities including air conditioning, comfortable seating and kitchen equipment for preparation and serving of refreshments. Fred Horne, WA4DHS, Club Treasurer is to be congratulated on his fine work in completing arrangements for the use of this hall.

The Program Committee, Myron Thrower, K4RYU, arranged a conducted tour of the Florida Steel Corporation plant for HARS members and their guests. This is one of the large industrial installations in the Tampa Area. Many of its operations are electronically controlled. Motorcade started at the Clubhouse in Sulphur Springs and the tour was most enjoyable.

George Dixon, WA4VQT, was appointed Field Day Chairman for HARS and any amateurs in the Tampa Area who wish to participate in this activity call George at 935-3280. All Amateurs are invited to take part in Field Day. Paul Young, W4NQX, Club President has offered the use of his comfortable travel trailer and we understand there is to be another trailer on hand, both to be located on Davis Causeway (now known as Courtney Campbell Causeway). This promises to be one of the best ever, including a covered dish supper and entertainment for the Jr. Ops; should be a lot of fun for the entire family. WA4-GJJ will be on all modes and all bands excepting 160 meters.

Arrangements for holding the Tampa Hamfest are progressing nicely. Selection of this site for the Hamfest, with more sheltered areas and better seating arrangements for enjoying the luncheon was made keeping in mind also that there are many free attractions in the Park for the children and YLs, including the world-famous "Fair Land," miniature railroad and

zoo. This is the outstanding "Family Hamfest." Prizes, activities, and location are such that the OM can enjoy a fine Hamfest with plenty of Swap Tables, ample free parking, and the family will love the many other Lowry Park attractions. It is to be in October, with date to be announced later. 73.

B.A.R.C.

By Jim Wilson W4GDK

We congratulate Ray St. Cyr W8HK/4 for getting the 50 year award from the QCWA. We also thank him very much for his invaluable help in addressing and labeling Auctionfest Bulletins.

At our April meeting Ken Nordine WA4UYC gave a very interesting talk on the use of CB equipment and offered considerable information about converting such equipment to ham use. At the meeting tickets for the Orlando hamfest were available at a reduced price and found many takers.

Pres. Jack Wainwright W4IEH reports that the new location of the Auctionfest at Chaminade H.S. was well received. He said that it was a success financially and attendance-wise. He said that there were many favorable comments about it.

The new Club roster was available at the April meeting.

The new Editor of our Club paper, B.A.R.C. News is Jim Young W4LZ-S, 1164 NW 44th Terrace, Lauderhill, 33313. Let's all give him items of news.

BARC invites all hams to attend our meetings. They are held the second Wednesday in each month at the Broward County Medical Association Building, 2200 S. Andres Ave., at 8 PM. We hope to see you there.

W. PALM BEACH

By John A Benjamin Jr.

The regular business meeting convened April 3, this month with little new business on the slate. Plans were continued for field day, this report according to Ted Caldwell chief engineer, K4IFQ.

(Continued On Next Page)

FLORIDA SKIP, May 1967 7

CLUB NEWS

(Continued from Page 7)

Also, according to Ted we might have RTTY equipment soon. He says that this will add to the Clubs efficiency for traffic handling and emergency work especially during hurricane season which isn't far off. Ted also says that with the new purchase recently of emergency generators efficiency will be doubled!

Our ex-fearless leader, Bob Parkman, WA4ITN, will be wed in September '67. Congratulations!

Airman John Symanski, WB4EGU, who is stationed at Egland AFB 3 is in charge of repairing transmitting and receiving equipment at the MARS station. Way to go!

Several of our members including yours truly, have acquired jobs at a new ITV station down in Boynton Beach. This station transmits on 28-50 MC for elementary, junior and sen-

ior high schools in South-Eastern Palm Beach County.

Another one of our members, Bertha Eggert, WA4BMC, has worked 22-50 Counties in U.S. and is attempting to work them all. Also she has made 6560 QSL's. Would you believe it!

Hope all our readers had a good Easter. May God Bless all and until next month don't anyone quit reading cause I can't afford to loose a one! 73 from us.

SUNCOAST ROVING REPORTER

By Cathy Soehl - W4BAV

SPARC members are busy preparing for their annual Hamfest to be held May 14th, at Phillippi Park. There will be the usual Swap Table; lots of prizes, even drawings for the XYLS. Come bring your picnic lunch, bring the family and let's celebrate Mothers Day in a big way. There will be no park entrance fee this year.

WA4TXK-Walt's daughter-Marcia is a good ham potential, as she answered a call from a CBER, while Walt was on TV call one night, who was observing a robbery and requested she call police. Marcia was able to relay the movements of the robbers until the police closed in and apprehended the culprits. She handled it in real "ham" fashion.

The QCWA, international organization of radio and wireless operators with more than 25 years experience,

has a new chapter in the Suncoast area known as the Gator Chapter. They meet monthly for a luncheon, gabfest and planned activities for their XYLS.

K4HQA-Art can ride in real style now as his XYL-Chubby has a Gold (color that is) Barracuda.

W4GPX-Rth is in the Suncoast Osteopathic Hospital, at Largo, for some tests. We hope there is nothing serious and the "gang" on 6 meters is keeping the air-waves hot checking on her.

Saturday, May 20th is the 18th observance of the Armed Forces Day Communication Tests. crossband operation with amateurs will be made with QSL cards and certificates available. For details contact your local MARS Coordinator.

WB4CQS-Ted may be heard more often on 6-meters, as he has recently retired. Now, Ted, you'll find out what it is to really be busy.

Many were amazed, when listening on 6-meters the other night to hear W4-GJO-Grid working the CEs, in Chilli.

FLORIDORA NEWS

By Cathy Soehl - W4BAV

As you read this the Orlando Hamfest will be over and new Floridora officers installed. Report on this event next month. I looking forward to seeing ya'll there.

WA4FJF-Ellen is busy packing and getting ready to move when OM, WA4FIJ-Dick, gets orders from the Navy transferring him to a new location in July. They will have a 3-1/2 weeks vacation, are looking for a travel trailer and expect to attend the Expo '67 in Canada. Ellen has also been taking a group of 10 and 11 yr. olds on Indian pottery hunting trips and now to library for research on their findings.

W4UF-Dot has kept busy with the Property Owners Assoc. group in Englewood. OM-George will retire next Feb. 1st; returns home for 9 days in Englewood, at which time they will close the QTH there and Dot will return to Gainesville. Will be nice to have them back permanently after next Feb.

W4QBY-Dorothea is participating in the Flower Show and is making her arrangement's theme "Old McDonald Had A Farm." Wish we could all see it.

W4EDY-Alice, former Floridora has been off the air for about three years due to a heart condition. K4-RNS-Marge had a QSO with her and she is hoping to attend the Orlando Hamfest. Maybe we can bring another back in the fold.

W4EHN-Betty returned from an Atlantic cruise, delighted with the trip and says smooth sailing all the way.

K4RNS-Marge has been appointed YLRL Membership Chairman. Congratulations, Marge.

W4CWV-Annette and OM, Tommy are attending the big races at Sebring.

W4BAV-Cathy and OM, Bill-W4GHR attended the Auctionfest, at Hollywood, March 11th. Was disappointed not to see the Ft. Lauderdale Floridoras, but did have a nice chat with Floridora W4FZU-Fran, from Miami. Fran purchased a Hustler mobile antenna for OM-Charlie.



By AFB4JTK/AFC4BND

The activity on the 6 meter net is showing a lot of improvement lately. We have added four new members to our list. They are AFB4BAO, AFB4RRB, AF4PWC and AF4ESJ, welcome fellows. Some of the 6 meter members are checking in on SSB. They are keeping this net control hopping.

The 2 meter net managed by AFB4AMG is doing fine. Many checkins there also. Keep it up. Our local nets meet 6 nights a week. Frequencies are: 49,-980 and 143,950 Kcs.

We have many locals getting into RATT and they sure are needed here. AFC4BND now has received capabilities on RATT. There are many members from the Miami area now able to check into Area net, some are AFB4KNO, AF4ZCZ, AFB4JTK, AFC4BND, AFB4-KPS, AFB4LHX and others.

The month of February saw over 7000 phone patches to and from Viet Nam, by AF MARS stations. Congrats you guys, keep up the good work.

Area net is on 7 nights a week and the net controls are kept busy with the many pieces of traffic in and out of the area. For those who are interested in MARS listen in on 4417.5 KCS at 0000Z each night. It's a good net and quite a job their doing.

The Orlando Hamfest is on April 29, 30 at the Cherry Plaza Hotel. On Sunday the 30th, there will be a MARS meeting, and we hope to see a lot of you there.

Those of you who are interested in MARS why not contact a local USAF MARS members and get details. Here in Miami area call AFB4JTK/WA4JTK; or AFC4BND/WB4BND at 624-3018 or 759-9847.

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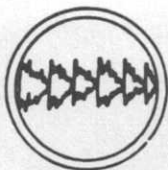
SCM's CORNER E/F

By Jesse H. Morris,
W4MVB

I hope not too many people are surprised to see my name at the top of this column. After long and faithful service, Ham, K4S-JH, has "retired" to just being Vice-Director of the Southeastern Division. I know that all the active amateurs in this section will join me in congratulating Ham on a job well done. We wish him continued good health and good luck.

When one starts into a new job he frequently does not know just where to start. In the case of this job it is easy to find a place to start because the affairs of this office have been so well organized in the past. I expect nothing to change here in the way of deadlines and method of operation. Traffic reports, net reports, and all other routine monthly reports will be due on the fifth of each month as has been the policy in the past. I hope that all traffic into and out of this office can continue in the smooth manner which has been the custom in the past.

All ARRL Leadership appointments for Eastern Florida will remain as they have before. They are as follows: SEC-W4-IYT, RM CW-W4ILE, RM RT-TY-W4RWM, PAM SSB-W4O-GX, PAM 75-W4TUB, PAM 40-W4SDR, VHF PAM-WA4BMC. The one important change in appointments is that W4FP has agreed to be Assistant SEC. This move will relieve Andy of some of his duties and thus he has agreed to remain on as SEC "for another year or so." This will be the organization of Eastern Florida for the coming



The Florida Side Banders Association

By "Chuck" Ritchie W4BUG

My coverage of the Orlando Hamfest and the Side Banders Meeting and dinner will be in next month's column because this issue went to bed before the festivities came about. However, I am sure you all had a grand time as is always the case at the Orlando Hamfest.

We were saddened by the loss of a very dear and devoted member, W4MUI, Phil A. Denon of Miami Beach, Fla. who passed on among the silent keys to the land of the Big DX. Phil was a very active member and could always be depended upon to give support and encouragement to our association activities. His call will even be missed more by all of us and his many friends throughout the world.

We are very happy to make mention of the following new members who are now with us:

two years and it is hoped that this column can be used in the near future to examine each one of these posts in detail and explain how they function and how they can help you and how you can help them. This will be aimed at the newcomer and the old-timer alike. Procedures for appointments will be outlined so that everyone might be aware of these posts. A review of traffic routine will be coming also.

I sincerely hope that I can be active on all statewide nets as much as possible. The FAST NET on 3940 KC, 2300 daily except Sunday will be my "home net" and I can usually be found there if someone needs to get in touch with me.

Until next month 73 and good luck. DE W4MVB.

Member #295 - WA4OXH, Albert H. Estes, P.O. Box 928, Key West, Fla. 33041; member #296 - W4YPX, Ron Locke, 7306 Arble Dr., Jacksonville, Fla. 32211; and member #297 - John W. Deegan, 13895 S.W. 72nd Ct., Miami, Fla. 33158.

The new membership roster of the association should be in the hands of the members by now. Please let me know if there are any changes or corrections to be made, or as they occur, so that the present roster may be kept up to date.

We have word that W4DKJ is back on the high seas again operating Maritime Mobile in the Caribbean. Have a nice trip and good DX. Let me say this in closing "Members" this is your column and this space is yours for any interesting topics which would be of interest to the membership, Amateur Radio or Florida Skip readers.

FREE! QSL CARDS

At the Miami Hamboree last month Ed Hooper K4LNP of Hollywood advised SKIP that anyone wishing 100 free 2 color QSL cards may obtain same by sending a request to Pontiac Motor Division, Advertising Department, 196 Oakland Ave., Pontiac, Mich. 48053. Please print your full name, Call letters, address and ZIP number when sending your request. If you like you can request an application card to use as a guideline.

WESTERN FLA. NEWS

By Frank M. Butler Jr.,
W4RKH

Please note the move of WF-PN to 3957 Kc. A short rag-chew is held before net each day.

Tallahassee: WA4EOQ built an inverted V for 15 meters out of thinwall conduit. Marianna: The Jackson County SET was a big success. Active were WA4DED, W4IRO, WB4AMJ, WA4SIB, K4UNT and W4KCA. The Jackson County Emergency Net now meets each Friday at 7:00 PM on 3950 Kc. Chipley: WB4-FLK, ex-WA3GII, received his new call and will be on 2-meter soon. Washington County CD now has its own emergency van.

Panama City: The PCARC VHF net is meeting Tuesdays at 8:00 PM on 145.2 Mc. The Field Day committee this year is composed of WA4FIJ, WA4IMC and WA4ZGI. W4YUT is active on 2 meters. Ft. Walton: EARS station W4SRX, manned by WA-5OIF, recently played a part in the rescue of HC9EP and crew aboard a raft in the Pacific Ocean. Milton: Whiting Field ARC, W4POY, has a new PP 4-400A linear. The club meets the first Tuesday of each month. K5IUA is a new ham in town. W0FPA/4 has a tri-band quad up.

Pensacola: W4AXP renewed RM and ORS appointments, but is QRT for receiver repairs. PARC is still looking for a suitable meeting place. WA4-ECY, Corry Field, has been appointed OBS for 20 meters.

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HAMFEST

SUNDAY, MAY 14

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SAFETY HARBOR, FLA.

9:00 A.M. TIL ???

REGISTRATION \$1.00 PER FAMILY

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SIMULATED DISASTER

(continued from Page 1)

and has the facility for providing additional communication, for mass feeding, and for emergency shelter, should the occasion warrant.

Also responding to the disaster alarm were local citizens and business band operators who dispatched mobile units to all sections of Jackson County, which has a population of approximately 38,000, and is situated in the Northwest section of Florida, seventy miles west of the city of Tallahassee, Capitol of the Sunshine State.

Kenneth Wester, controlling the Citizen Band operations, praised the volunteer work of his fellow radio operators in that these units logged over 300 miles, transmitted 75 or more messages during the four hour alert.

The State Road Department, an interstate agency assigned to civil defense under emergency conditions, provided additional communication and transportation — a unique service with the heavy equipment available through this Department, which also provided radiological monitoring throughout the test exercises.

The Police and Fire Department of the City of Marianna responded almost instantaneously and at all times are able to maintain communications



EC, WA4DED, Lud of Marianna, Fla. operates his mobile-van during their BIG SET last month. Lud sparked the Jackson County officials into an "all-out" simulated emergency test (SET) — the first on record.

with disaster control as they continue normal function under emergency conditions. Units with radio communication also responding were on the scene from the Jackson County Sheriff's office; the Florida Highway Patrol; Apalachee Correctional Institution, located in Sneads, nineteen miles east of the disaster scene; Game and Fresh Water Fish Commission; and the 144th Transportation Company of the Florida National Guard located in Marianna.

The disaster headquarters was in instant and continuous communication, through the amateur radio station operated by McKechnie, with State Civil Defense Headquarters in Tallahassee; Southeastern Red Cross Headquarters in Atlanta, Georgia; and several military installations throughout the tri-state region, which includes Alabama, Georgia, and Florida.

The Emergency Squad was organized in Jackson County by WA4DED, ARRL Ec as Red Cross and Civil Defense units are not operating in this area. Expense of equipment and manpower was borne by the partici-

pants. A spokesman for the association stressed the need for county civil defense, as required by State law.

Many amateur radio stations arranged for their services to be involved in this disaster alert: W4RKH, Fort Walton Beach; WA4FIJ and WA4FJF, Panama City; K4VWE, DeFuniak Springs; W4IKB, Chipley, relay and standby at Chipley. These operators were on the spot of operation. W4IU, Atlanta, Georgia, was on standby; all Florida emergency net stations were on standby, and covered all of this state. George Thurston, section emergency coordinator, of W4MLE, Tallahassee, was notified of this 'disaster.'

WA4SIB, which is operated by the net manager for Jackson County Training Unit, has arranged for a "meeting on the air" each Friday at 7 P.M., to organize all phases of operation.

Don Milton, of Radio Station WTYS, Marianna, assisted with all of the action during the four hours.

An amateur radiogram was

filed for Colonel Jena, Director of Civil Defense for the State of Florida, Jacksonville, which read: "Simulated emergency; aircraft with full bomb load has impacted downtown Marianna, time 12:52 CST. Alert time 12:55 CST. Citizen Band Net, established with six participating units at 13:15 CST; ARRL Emergency Coordinator, WA4DED, operational 13:12 CST; Florida Highway Patrol comm. unit at 13:18; National Guard, local armory, vehicle used as headquarters arriving at 13:30. Radiological monitoring reports excessive radiation; CD Fire Marshall does not need additional equipment. Inquiries have been sent regarding avail-

(continued on Page 14)

Important Notice: South Fla. Clubs

Notice is hereby given to all Amateur Radio Clubs in South Florida that they are invited to become CHARTER MEMBERS in the newly formed C.A.R.C.-S.F.

The deadline for Charter Membership is the first Thursday in June 1967.

During the meeting on April 6, 1967, Q.C.W.A. joined the Broward Radio Club, Coral Reef Radio Club, the Dade Radio Club and NOMARC in being the first clubs to qualify as CHARTER MEMBERS in this newly formed Council.

Q.C.W.A. was elected to hold the office of President for the first year. The BROWARD Radio Club was elected for the Vice Presidency and NOMARC will furnish the Secy. and Treasury.

Ted Wayne WB4CBP presented to the group a proposed Charter and By Laws and was appointed by the Chairman to the position of Council Parliamentarian.

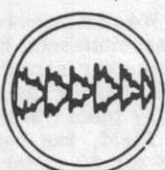
Since the purpose and aim of the Council is to Aid, Support and Strengthen the individual Clubs themselves it is felt that all Amateur Radio Clubs in South Florida should be interested and are invited to contact the Council Secy. by writing % N.O.M.A.R.C., P.O. Box #1915, No. Miami, Fla. 33161, for any additional information that might be desired.

Remember the first Thursday in June is the deadline for Charter Membership...

Smitty, K4KRN

FLORIDA SIDEBAND ASSOCIATION

Meets Sundays 2200 GMT - 3940kHz



FSBEN - Thurs.
3940kHz
0030 GMT

FAST Net
Daily
3940 kHz
2300 GMT

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Apathy... No. 1 Killer

In Broward County, there are approximately 800 hams, less than 10% of which have registered their facilities with the AR-EC and only 3% are actively engaged in emergency planning by participation in one of the 3 Broward Emergency Nets.

It's perhaps periodical that the local radio club gave me an award for ham of the year for the re-vitalization of the emergency nets... but according to my records less than 5% of the club participates in the nets.

We have tried many things to make the net sessions more interesting. We tried handling traffic. We tried a certificate program. The same old reliable few worked hard but the rest, the let George do it majority... couldn't budge them.

We tried some very interesting problem situations, some real meaty simulated tests. We even came in second in the state during the National SET but still with just the same old reliable 3%. We tried prepared programs for each session... The same results.

It took me a long time to finally admit the fact but I must say there is another group of dedicated men and women who will turn out by the hundreds for Civil Defense, Red Cross or whoever else needs them. The Citizen Banders.

You can say all you want about their operating techniques, their lousy procedures, but brother when you need them they're there.

You hams have flunked the course. Sit back in your old arm chairs and enjoy your hamming. You've earned it. You passed your examination and now it's too late for those clods at FCC headquarters to brainwash you into thinking the basic purpose of ham radio as outlined in the Communication Act means what it says---

Take it easy ham radio. Let the Georges do it or those crazy CBers but not you. Don't do anything for your hobby. It will do all right for itself without your officious intermeddling.

Hank Roth --- K4EVY
EC, Broward County

Clip out this page and
give it to your local
BC TV and/or
newspaper.
Get some publicity!



PROCLAMATION

State of Florida
Executive Department
Tallahassee

WHEREAS, Florida Amateur Radio Operators give unstintingly of their time, talents and energies to provide emergency communications whenever and wherever needed; and

WHEREAS, foreswearing all considerations of monetary and material gain, amateurs, individually and collectively, have contributed significantly to the advancement of the state of the art of communications; and

WHEREAS, through their voluntary activities, amateurs throughout Florida and the United States have made significant contributions toward the maintenance of international good will between the United States and the world; and

WHEREAS, purely for unselfish personal reasons, amateurs have aided and contributed to the rehabilitation of blind and otherwise handicapped persons, procured medical and other assistance for the isolated and desperate in all parts of the world, provided contact with home for charitable and religious expeditions to remote places; and

WHEREAS, amateur radio operators in Florida and elsewhere have strengthened the bonds to their homes for thousands of service men stationed in the Arctic, Antarctic, the remote tracking stations, scientific exploring parties and military bases all over the world; and

WHEREAS, Florida Amateur Operators stand ready at all times to go to the aid of the nation in case of national emergency;

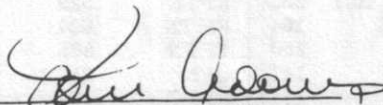
NOW, THEREFORE, I, Claude R. Kirk, Jr., by virtue of the authority vested in me as Governor of the State of Florida do hereby proclaim June 18 - June 25, 1967, as

FLORIDA AMATEUR RADIO WEEK

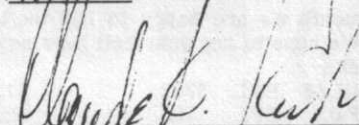
in Florida, and call upon the citizens of this state to join with the Amateur Radio Operators in observance of this week with appropriate exercises to further and stimulate interest in amateur radio.



ATTEST:


SECRETARY OF STATE

IN WITNESS WHEREOF, I have
hereunto set my hand and
caused the Great Seal of
the State of Florida to be
affixed at Tallahassee, the
Capital, this 21st day of
March, A.D. 1967.


GOVERNOR

NET NEWS

FMTN

By W4AKB

Because of being off the air from March 3 to 24, I probably have missed some items of interest for this issue.

K4DAX has had visitors most of the month. Jack WA4WYL has had his working schedule changed and will be NCS on Thursday's. Win WA4COR is still off the air as is WA4RQR Bill. Bill will be off for some time as he is presently traveling a lot and then will move to a new QTH in W.P. Beach. WA4YRU Chet in Eton Park will be your new NCS on Mondays. The Net is in need of Net Control Stations. We would like very much to have two or three Alternate NCS's to fill in when rig trouble, work or vacations take their toll of regular ones.

W4ILE Reg will be missed as NCS on Saturdays. His company is sending him to Maryland for several weeks and his schedule on returning is uncertain.

New stations are continuing to check in the Net and some have requested to be placed on the roll call. We are glad to have them; AM, CW or SSB are all welcome. If any of the new check-ins desire to be placed on the roll, just advise the NCS to this effect and you will be called each day.

FMTN meets daily except Sunday on 7230 KHz at 1200 noon or 1700 GMT. The primary purpose of the Net is to handle formal traffic and informal traffic can be handled when time and traffic conditions permit.

During the month of March there were 26 Sessions handling 521 formal messages. Average QNI was 24; average QTC was 20. Report for March 24 was not received in time to include in the report. It will be added to next months report.

73, Charlie

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TO SUBSCRIBERS.
PLEASE SEND S.A.S.E.

TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top 20 Florida traffic takers. We hope to see your call here next month.

For March:

1. W3CUL/4 BPL	3382	11. W4BVE	305
2. W4DFU BPL	796	12. K8LNE/4	282
3. WA4SCK BPL	742	13. W3VR/4 BPL	226
4. WA4BMC BPL	726	14. WA4FGH	164
5. W4ILE BPL	514	15. W4FP	160
6. K4EHY BPL	491	16. WA4NBT	147
7. WA4NEV	386	17. WA4LJH	141
8. K4VFFY	377	18. W4BJD	121
9. WA4TWD BPL	360	19. WB4DDO	109
10. WB4AIW	320	20. WA4ZEZ	103

FLAMINGO NET

By W4EDP

This has been a busy month for some of the Flamingos. First, we had a hidden transmitter hunt. The hunt was run a little differently than usual in that the hunter that drove the least number of miles in locating the hidden rig was the winner. This called for a different technique, but it didn't do any good, Carl W4DTJ won anyway. Hi! Hard man to fool that Carl.

Dora K4CYF had a busy and enjoyable week when her son Clark W6MLW and his wife W6MBC Shirley were visiting. For the benefit of the uninformed Clark used to check into the Flamingo Net regularly from California, believe it or not. Those conditions are on the way back and he may be doing it again soon. Dora keeps in touch with Clark and Shirley on 10 meters.

Had an old timer start checking in on the net last couple of weeks in the person of W4ZHD. Also heard from W4NJM, Jim one night. Wish more of the old time net members would show up now and then.

At the time this is being written there is some question whether the Gold Coast Marathon will be run this year. This was an activity that was fun as well as a service, and if it is dropped I hope we can come up with another similar type of affair to help out.

If you are not working ten these days you are missing something, it sure is hot.

Well, enough for now, see you on 29,044 Mhz at 1930 EST any Friday.

73 W4EDP

SATN

In the absence of our header, WA4RQR, I will try to report the net's activities.

Bill is in the process of moving. His new address is 607 Skylake Dr., West Palm Beach, 33406. We are anxiously waiting for his pair of 4-400's to grace the air. He says tentatively he'll be on the air this month.

The SATN has not been handling the traffic it should. For the twenty or so reports I have, the average is about 6 pieces per session. We have only five or so regular check-ins. The latest regular is Mac, K8LNE/4. He apparently gets out-of-state traffic off the other nets, and what he can't get ride of he brings to SATN.

We have been having QRM problems lately, and don't be surprised to find us on 3945 or 3955kc. We still meet nightly except Sunday at 10:30 PM. EST. We solicit your participation. Net controls at present are: Mon-



HERE IS T. Zach Bruce, WA4TJS, newly appointed EC for Sumter Co. He is also; RCC, ARRL, AREC, Navy Mars, OES, SKIP correspondent, plus keeping up with his schoolwork in Leesburg High School. TJS is also editor of the LARS bulletin HAM SALID.

day, WA4YII, Tuesday and Wednesday WB4DSP/4, Thursday WB4BZA, Friday K4PVA and Saturday WA4YIH/4. Incidentally, for those interested, the "homebrew pair of 813's" mentioned in March SKIP column are now completed. Thanks to much help. Total QNI for March: QTC 270, QNI 224, 73, Jay WB4DSP/4, Gainesville.

QFN REPORT



By Bob
Blumberg
WA4OHO

By this time the Orlando Hamfest will probably be over and many new friendships will have been made, especially at the QFN Breakfast. This event is always a highpoint in the year for QFN members.

QFN is most happy to have Jim K4BY back as an active member again after a bout with heart trouble.

Wayne W2TPV/4 reports that 60 out of 62 sessions were reported for March, showing a total QNI of 904, total QTC of 740 and total time in session 1523 minutes, for a rate of .431

messages per minute - an efficient rate.

W4BEV, terminating his 6 month stint as net manager reports that he is very pleased with the support and backing net members have given him, helping to make things run more smoothly. Bob WA4OHO will take over as net manager in May for E. Fla.

QFN is sorry to see Dan K4EHY return to the Coast Guard after his leave. Dan assisted the new greatly while he was home.

An exhibit and traffic booth were set up at the Bayfront Center in St. Pete by WA4BGW Al and WA4OHO at a Jaycee Exhibition.

A vote was recently held on the net to see if members wanted to change the starting time of the early session. The results of this are that the early session will meet at the same time as before. Hope to see everyone there on 3651 kc daily at 2330 and 0300 Z.

**SUPPORT
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TRAFFIC HOUNDS

By Jesse H. Morris, W4MVB

NET	QNI	QTC	SESSIONS	AVG QTC
FAST	1159	488	27	18.0
GATOR	307	186	31	6.0
WFPN	668	171	31	5.5
FPTN	529	209	27	7.4
FMTN	624	521	26	20.0
TPTN	805	566	27	20.9
QFN	937	759	62	12.5
FATT	159	63	31	2.0
SATN	224	270	27	10.0
VHFTN	35	17	5	3.4
VHFPN	108	37	26	1.4



By Jim Wilson,
W4GDK, NØWCK

Navy MARS headquarters has just announced the formation of a standby fone patch net to service the patches from NØICE (an appropriate call) which is the Navy's Navmars station in Antarctica. They also announced the formation of a similar net to service the several Navmars sections in Viet Nam which concentrate on patches. Florida is proud that they had more volunteers for this effort than any other state in the Sixth Naval District.

South Florida Area—Eighteen new members have joined the program in the last six weeks.



TAMPA ARC Prez Glenn Averill WA4LLU (right) turns over gavel to new President Ray Darlin, WB4DXC. TARC held their annual dinner-meeting on April 3rd. See TARC on new club page.
(photo by WA4GDS)

Many of them are already going strong in net participation on either cw, phone, RTTY or ATV. They're learning fast and are doing a fine job. South Florida's 5 PM daily (M-Sat.) net on 4015 KC USB continues its excellent participation including liaison with the rest of Florida. Incoming and outgoing traffic is quickly routed so that unneeded stations can be released promptly.

N.E. Florida Area—Coordinator Georgia Denman, NØZ-

TC of Orlando welcomed aboard as new members NØHWR, NØH-XV and NØICN.

Silent Key: Loss of a very valuable member NØVIC R.W. Elton W4AIJ of Jacksonville.

Members of the month are reported as: NØYJG, Leesburg—all bands NØADY, Jacksonville—80 meters ... NØHJG, Orlando—2 meters.

Irl Ball NØSPD reports from Leesburg that they have seven Navmars members in their

HINTS AND KINKS

A means to check the frequency plus or minus 5 mc. of the station you're receiving without the doubt of image or harmonics use a tuning stub TN87/AP. Place it in the coax line of a transceiver in the range of 1215 mc. to 1300 mc. Slide the pointer away from the junction until the station (with an audio note) you're receiving nulls out, mark it. Then move the pointer further out to second null. The distance between nulls is the 1/2 wave length, such as —1250 mc equals 12 CM wave length over 2.

Dick Frederick K4UGC Miami

club. Congrats on that and the fine article you had in your paper about Navy MARS.

Special BULLETIN: The Navy MARS meeting at the Orlando Hamfest will be Sat. April 29 at 2 PM. All Navmars members are invited. Dist. Director Earl Crawford will be there representing the 6th Naval District.

N.W. Florida Area—Though represented almost every day on the district traffic net, by "Bull" NØAEZ there is still no specific information available about members on nets. We would welcome it.

Jim Wilson

"BUY FROM YOUR FELLOW AMATEUR" DEPARTMENT

FELLOW AMATEURS: Here are several firms that have an interest in YOUR business! They have seen fit to support the FLORIDA SKIP by giving us a little revenue each month in return for your support. If you can't possibly do better than to deal with a fellow amateur, now can you?

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K4OF1

Amateur Radio Supplies



FLORIDA HIGHWAY PATROL, CD, Red Cross, Fire, Police and other agencies in Jackson County participated in WA4DED's Simulated Emergency Test. The emergency was an Air Force bomber crash in the middle of downtown Marianna. The results were outstanding. (photo via W4RKH)

SIMULATED DISASTER

(continued from Page 10)

ability of blood and plasma from Blood Bank mobile, Fort Rucker, Alabama, and Tyndall AFB. Also availability of additional personnel. Ref ur message #3 from WA4DED until 5 P.M. this date. Thanks. Donald Milton, acting director WA4DED 212-52."

A message received at scene of disaster was addressed to Donald G. Milton, acting Co-Director: "Colonel Jena approves greatly Donald G. Milton once again acting as co-director... Col. Jena."

As this was a very young functioning Emergency group, caring for its very first simulated disaster, criticism was sought by Ludwig, so that the organization may better its equipment and work when it is again called upon to perform.

The writer wants to report a telephone call from a member of her family who called upon receipt of the amateur radiogram sent to northeast Pennsylvania, to ask if everything was all right because of the "simulated disaster" reported to her by a ham in Erie. The impression of a real disaster came to her mind upon receipt of the radiogram as this city on Lake Erie was in the midst of a tremendous snowstorm. She pooh-poohed the fact that air-conditioners were being used in Marianna homes at the very moment of her call.

Our hats are off to Ludwig and his crew, to all the cooperating hams and non-hams, directors and co-directors, concerned personnel, and others who give freely of their time and effort to make simulated emergencies a success. If and when the real

Notice: All Sumter County Amateurs

Please send post card, QSL card, or letter with your name, address, call, class license, age, and occupation to: T. Zach Bruce, Acting Emergency Coordinator Sumter County Florida, P.O. Box 1328, Leesburg, Florida, 32748.

I would appreciate a letter stating if you are interested in the Amateur Radio Emergency Corps, and if not, why? I hope to get a card or letter from each amateur in Sumter County, so that I can plan an AREC set-up and have Sumter prepared if a disaster should strike.

So please, let me hear from each of you. Tell your neighbor hams about this announcement also, in case they don't receive SKIP. I will need to appoint some assistant Emergency Coordinators along with the AREC members.

FROM THERE AND HERE

Stanford's Professor Harden M. McConnell and Fred R. Gamble have produced electric current conduction at a 5 percent higher temperature in their quest to produce electricity flow without friction. At extremely low temperatures (about 450 degrees F. below zero) current flow continues even after the voltage source is removed - this superconduction presents a fascinating field of study in electronics.

thing comes along, these very people will be on hand, ready and willing to serve and succeed!



ARMY MARS

By AD4VWY (Will)

At this writing a group from Florida One and Two are trekking to Ft. MacPherson, Georgia, where the members of Third U.S. Army MARS will assemble to meet and hear from top Army Mars brass, pick up some worthwhile prizes and return enriched by knowledge and experience as well as fello-whip from another of these annual gatherings.

The MARS meeting at the Orlando hamfest the last weekend in April will be reported in the next issue of SKIP.

The Assistant Director of Florida Two appeared to be pleased with the number of two-meter checkins and stations participating. The Florida One repeater station also is said to be operating successfully.

'SKIP'-eroo's THE BRAIN DEPARTMENT

Unscramble each line of letters and insert them in order in the boxes to the left of them. Each line forms a common word, mostly electronic, which must be in the proper order to give the correct solution. Then unscramble the letters within

the circled boxes and place in the box or boxes at the bottom to find the answer to this month's puzzle. Correct solution in next months "Skip".

This month's "SKIP"-eroo submitted by Dave Hayden, W4-

NO. 1 "OPINIONATED COMPONENTS"

TAUNTEATE

DEPLUCO

TICCURI

TATBYRE

MEANDAD

SERRIOTS

" " " " " " " "

Have you got a puzzle or a SKIP-eroo? If so, submit complete with solution to K4FQU, 1413 Davis Dr., Ft. Myers, Fla. 33901

HAMBAR

This column is FREE to any licensed Radio Amateur who is a subscriber to Florida Skip. Limit 3 per year. Additional \$1.00 each. Non-subscribers and non-amateurs \$1.00 each up to 10 lines. All listings are cancelled each month. If your listing is not moved, it will be necessary to relist the following month.

To Licensed Amateurs: Buy, Swap, Sell (non-commercial)—Free.

To Commercial Business: Classified, undisplayed—50¢ per line; Illustrative or General Display with border—\$3.50 min., \$80/page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns—40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla.

FOR SALE: Drake 2B with xtal calb, speaker and manual, excellent condition. \$175.00. BC221 with book, 125 kc to 20 mc. T/S 175 with modulation and cal book 85 to 1000 mc sale or trade for 2 meter or ssb transmitter or transceiver what have you. Gene W. Starr WA4JDB, 856 Clarke Ave., Eau Gallie, Fla. Phone 254-4421.

NOTICE: Cape Kennedy hamfest sponsored by the Platinum Coast Amateur Radio Society, will be held at the Civic Auditorium in Melbourne, Fla. Swap tables and equipment auction. Give away every hour and of course a BIG door prize. Fun for XYL and kiddies. For more info write P.O. Box 1004, Melbourne, Fla. (Gene Starr WA4JDB).

SALE OR TRADE: Rotating extra heavy duty motorized, telescoping tower. Entire TRI-EX HZR47IN deluxe 71 footer, rotates, self-support anchors fit within 15 foot diameter. Excellent condition, no rust. Ideal for big stacks, monster beams. Sell or trade on HZ-588N ONLY, about \$1100. Dick Ehrhorn, W4ETO, 13315-108th Avenue North, Seminole, Fla. 33540 (813) 595-3447.

FOR SALE: TH-4 Hy-Gain, Tri-band beam excellent, condition with new TH-6DX type high Q traps and Hy-Gain BN-12 balun with manual. All for only \$56. A.E. "Grid" Gridley, W4GJO, P.O. Box 1294, Sarasota, Fla.

FOR SALE: EICO push-pull oscilloscope model 425 with extra tube. Also have high voltage probe model H.V.P.-1 (EICO) Mrs. Karl L. Weinhoepel, 3510 N.W. 34th Ave., Ft. Lauderdale, Fla. Ph. 587-1769.

FOR SALE: HQ-170AC 160-6 meters, like new, \$175. Herman J. Nieuwen-daal, WA4KKG, 3813 Bay Ave., Tampa, Fla.

TRADE IN specials for May. Drake R4A, Like New, \$255—Collins 75-A2, Mech. Filter, Product Detector, \$185—. See us for "the Best Deal Anywhere" on Galaxy, Swan, Collins, Drake, BTI, Waters, National, & SBE. Microwave Equipment Co., 4121 N.W. 27 St., Miami Fla. Telephone 633-3415 or 633-3902.

FOR SALE: HE-45 A 6 meter transceiver with HE61 VFO. Has mod trouble \$50.00 Johnson Viking II, 180 Watts c.w. 80 thru 10, clean \$60.00 Monarch FSI-3 SWR bridge \$9.00. Johnson Adventurer 80 thru 10 50 watts c.w. \$30.00. Perfect for novice or standby rig. Heath Balun coil set B-1 \$6.00 Heath Condenser checker C-3 \$8.00. VTVM Eico Model 221 with instructions and cords \$19.00. HeathQ Multiplier HD-11 \$6.00. Central Electronics SSB Slicer model B, complete with cables \$25.00. CDR Rotor, control box and 80 feet control cable. \$23.00. RME VHF-152A 2, 6 and 10 meter converter \$10.00. RME DB-23 preselector 80 thru 10 \$25.00. All clean and with manuals. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, Fla. 33166 888-3874.

WANTED: ALL FLORIDA AMATEURS to participate in the annual Armed Forces Day communication Tests to be conducted May 20th, 1967. See QST or CQ for complete listing of RTTY and CW frequencies.

FOR SALE: HRO-60 with 6 coils, Elmac PMR-8 receiver, new Viking X 6N2 transmitter, Eico Mod. 730 50 Watt modulator with 6146 finals. Honeywell transistor 12 volt supply 250 and 500 v.d.c. 50 Mc and 220 Mc Ameco converters. Millen Grid Dip Meter. Dave Flanders K4QXB, 901 NW 146th St., Miami, Fla. Phone 681-8108.

BARGAIN: Hammerlund HQ-110 AC receiver in perfect condition for only \$175. or best offer. SBE-34 rcvr in mint condition. Will throw in some goodies at \$350. or make offer. T. Zach Bruce, WA4TJS, Box 1328, Leesburg, Fla. 32748.

FOR SALE: Collins KWM-1 transceiver. Has SSB and break-in CW. \$275. including AC supply. John A. Attaway, K4HF, P.O. Box 205, Winter Haven, Fla. 33881.

FOR SALE: Heath SB-200 linear about six months old, mint condx, used no more than six operating hours. Firm price \$200. W.C. Plante, W4AAT, 172 Carlisle Dr., Miami Springs, Fla. 33166 Phone 888-8472.

FOR SALE: Heath HX-30 with HA-20 \$195. Heath SBA-300-36M conv. with 22mc. xtal \$15. International 2M conv. with 38.666 mc. xtal \$8. CDR-AR22 Rot. with control box and Hy-gain 5L, 6 meter beam \$15. MUST SELL!!! Eugene G. Schroeder, K4Z-YA, 278 S.E. 4th Avenue, Pompano Beach, Fla. 33060.

FOR SALE: Drake 2B, 2BQ, 2AC and manual. Very good condition \$175. Heath APACHE, good condition, recently factory reconditioned \$175. AR22 rotor, indicator, 100 foot cable \$15. Terry Windmiller, W44YSG, 752 N.E. 128 Street, Apt. 4, N. Miami, Fla. 33161 Fone 759-0451.

FOR SALE: GR Interpolation oscillator; GR interpolating frequency standard; GR unit-time/frequency calibrator with power supply. Cost over \$1700., all for only \$250. John Boyle, W4ZDV, Box 373, Englewood, Fla. 33533. Phone 474-3387.

FOR SALE: Easy Way heavy duty 60 foot crank-up tower that even tilts over. Original cost—\$565, including 18 foot ground post (\$127). Will sacrifice for \$250. Call Neil Bartley, quick, K4REC, 3251 Ponce de Leon Blvd., Coral Gables, Fla. 445-9431 or 635-4791.

WANTED: Contacts on 1220 mc. Wanted a Vocaline radio transceiver model LRC-400, state price. Dick Frederick, K4UGC, 460 N.W. 108 Terr., Miami, Fla. PL 7-0977.

FOR SALE: 2 Gonset G-76 transceivers, covering 6-80 meters. Receiver section sensitive, mucho stable—will copy CW, AM and upper and lower sideband. One transceiver has Gonset AC power supply with built-in speaker. The other has Gonset transistorized DC power supply and mobile bracket. BOTH EXCELLENT... Also have SBE-33 transceiver, 100 watts with transistorized mobile power supply and built-in AC supply. Mike and bracket included. Make offer. Stan Bittner, W4JKK, 3081 Mary Street, Miami, Fla. 33133 HI 8-9488.

FOR SALE: National NCX-3 transceiver with NCX-A and NCX-D power supplies clean and in good working order. Price \$250. or best offer. Collins 30L-1 linear amplifier, clean and in good working order, \$275. best offer. Hallicrafters HT-37 transmitter, price \$225. or best offer. Heath Kit SB-10, price \$55. or best offer. All units come with instruction manuals. John M. Fearon, Georgia Insurance Service, Inc., Suite 442, 3330 Peachtree Road N.E., Atlanta, Georgia 30326. Phone (404) 261-4924.

WANTED: Recent test equipment in good condition and parts inventory from TV, radio service shop, will trade or pay cash. Have Hallicrafters SR-46 6 meter transceiver, Ameco VFO-621, 5 element beam. P&H audio compression amp. model AFC-2. Lets go you ex-moonlighters, here's a chance to get rid of that stuff you will never use and get a real fine six meter lash-up or some ready cash. Bob Glassman WA4MZL, 10445 SW 71st Ave., Miami, Fla. 33156 Phone 666-6300.

WANTED: Self supporting, let down 40 or 60 foot tower for hy-gain 20 meter beam. FOR SALE: assortment of large tubes 872, 833, etc., high voltage variable condensers plus mucho more, come see. Mr. Bell, W4BB, 224 79th Ave. N.E., St. Petersburg, Fla. Phone 527-1565.

FOR SALE: SX-117 receiver and HA-10 LF/MF tuner and marine band xtals \$225.00. FOB Largo. Robert L. Stewart K4AJ, 1849 Clearwater, Harbor Dr., Largo, Fla. 33540.

FOR SALE: Drake 2A \$150.00 with Q mult. and speaker. Charles Elman WA4CIK, 1421 Venetia, Coral Gables, Fla. 33134. Phone MO 7-9900.

WANTED: Johnson SSB adaptor for Valiant II No. 240-305-2. Bob Baird K4BWO, 202 Leon St., St. Augustine Fla. 32084.

FOR SALE: HQ-110A with clock like new, built in speaker no scratches \$100.00. Johnson match box with SWR \$45.00. Heath VFO-1 \$8.00. Autronic Key and keyer \$50.00 all in mint condition. Ed Peckham W4DSD, 344 SE 11 Ave., Pompano Beach, Fla. 33060. Phone 941-4911.

FOR SALE: Ranger I, PTT mint condx—\$100. 6 mtr xmttr, 10 watts (less pwr supply) \$10. Rcvr Hallicrafters 50 mc 10. 6 meter transceiver 0.1 watt \$10.60. Knight C-100 transceiver modified for 6 mtrs \$8.00. Heath capacitor checker CT-1, \$8. Call Howard Stark, WA4MTH, 9231 Caribbean Blvd., Miami, Fla. 235-4021.

WANTED: 1 KW Johnson Matchbox, good condition, must not be "gold-plated" or "solid gold", for price. LeRoy Harris WA4JSU, Box 143, Griffin, Ga. 30223.

FOR SALE: Collins 75S-3 receiver \$395.00 cash or trade part for salable equipment and cash difference. It was never used on bands but only few hours swl-ing. Otis E. Pedrick, W4OMV, Rt. 3 Box 322, Orlando, Fla. 32811. Phone 295-0473.

WANTED: COLLINS F455J-05 mechanical filter, new or used, but must meet Collins specs. Also want L-W 50 or L-W 51 2 meter transmitter. G. H. Goldstone W8WQG, 1010 Burnham, Bloomfield Hills, MI 48013.

FOR SALE: HEATH HW-32 used fixed station only few hours, excellent condx. \$90.00. HT-37 looks and operates like new \$200.00. Bill Turner W4M-ND, 3624 Squire Lane, Orlando, Fla. 32806. Phone 241-1706.

FOR SALE: HT-37 xmttr \$225.00. NC-303 receiver with crystal calibrator \$225.00. Valiant transmitter \$100.00 all very clean. Dick Servais K4YLG, 531 Raven Ave., Miami Springs, Fla. 33166 Phone 888-8543.

FOR SALE: Heathkit HW-12A, 80 meter SSB transceiver with HF-23E power supply both in sealed cartons. \$125. for both. Manny Geller WA4YTW, 12601 NW 27th Ave., Miami, Fla. 865-3721.

FOR SALE: Galaxy V with 100 kc calib 110-220 v. a.c. power supply in speaker console and remote VFO \$400.00. FOB. Kris Krysiak W4FCP, Box 465, Sebring, Fla. 33870. Phone EV 5-7353.

FOR SALE: B&W 850 inductor—Cardwell 1500 mmfd variable, National 200 mmfd trans-variable \$50.00 for all three. TA-32 and AR-22 rotator \$50. 19 inch and 12 inch cabinets standard size \$5.00 each. Dick Mays K4AXC, 3960 NW 64th Ave., Miami Springs, Fla. 33166. Phone 888-6370.

FOR SALE: Drake 2-B calibrator, extra 10 meter and WWV xtals with 2BX2 speaker. All \$197.50. Clegg Venus, 416A speaker, power supply and Apollo linear all \$400.00. Will ship prepaid in original cartons or receipt of MO or cashiers check. Len King K4CBM, 652 5th Ave. South, Naples, Fla. 33940.

FOR SALE: Gonset 2 2 meter power amplifier with spare 826 tube. Designed for use with communicators. Requires 5 watts drive for 60 watts output sell \$60.00 firm. Hewlett Packard 205-C Audio signal generator will trade for Ham-M antenna rotor and control unit. Have Lowry organ power amplifier console, walnut finish, has 16 inch internal speaker uses 4 6L6's 2 5U4's, 1 XS 6SN7 output 60 watts will trade for Hallicrafters S-53A receiver or equivalent. Need C coil for HRO 7 receiver. Tom Chisholm W4FP, Box 2273, Lakeland, Fla. 33803.

COMPLETE 2 KW hallicrafters SSB, CW and Am station including like new SX-115 receiver and speaker, HT-33B real 2 KW linear, and HT32A transmitter. The original cost was \$2,245. Am forced to sell. It can be yours for \$1,000.00 terms can be arranged. Neil L. Bartley K4REC, 3251 Ponce De Leon Blvd., Coral Gables, Fla. Phones 445-9431 or 635-4791.



AT THE ANNUAL BANQUET of the Broward Amateur Radio Club (W4AB), Sherry Friedlander WA4VMT, VP of BARC, presents the "HAM OF THE YEAR" award to Hank Roth K4EVY, ARRL EC for Broward County. The "FOX HUNT" award went to Howard Smith WA4HEN, (left). Hank won the award for his outstanding work and unselfish effort in the Broward Emergency Net. His EC leadership has been of great value to the net and to the club. Howard won the fox hunt award for the third time and was presented the plaque permanently. Read K4EVY's article elsewhere in this issue.

(photo by FT. LAUDERDALE NEWS)

How Are Resistors Made?

By RALPH SHAW, WA4HIZ

How many of you know what materials are used in making resistors or how they are made?

The small, one watt or so, resistors are made from a thin film of carbon which is deposited onto a slug of ceramic material. Powdered carbon and slugs are placed in a special type of jug about the size of a gallon bottle and heated until the whole assembly is red hot. While the jug is being heated, it is also rotated so that the slugs are continuously agitated in the carbon. The amount of carbon deposited is dependent on the temperature of the assembly and the length of time it is held at that temperature. The longer the exposure time, the lower the resistance.

The resistor slug has a small film of gold deposited on each end and the leads are soldered to the gold. To get the resistance to an exact figure, the slugs are placed in a lathe and the carbon surface cut in a spiral. After the proper resistance is attained, the resistor is packaged and coded.

(The Atlanta Ham)

Field Day Reminder

You know, the last week-end in June will soon be here. It's not too early to start making plans. Both Jacksonville Clubs are out to win the SKIP FD trophies again this year. Come on you guys — get in there and scrap! Editor.

Vertically Polarized

By DON HAYMAN WA4JBI

Have you ever picked up the mike of the VHF rig, either in the shack or in the mobile and called CQ but find that a QSO is hard to get? Why not try 2 meter FM? With that transmitter and receiver crystal controlled, a squeeze of the mike can bring you a contact 99% of the time.

Many of the stations here in Miami run both mobile and fixed rigs, using 146.940 and 146.900 for frequencies. Antennas range from ground planes to stacked vertical yagis at the base stations, and 1/4 wave whips to the multi-gain Tune Tenna on the mobiles. The Tune Tenna is manufactured in Miami, by K4UUO, and many comparison tests were made right on the 146.900 frequency.

In recent months we have reported accidents at various locations and in many cases the mobile was patched directly to the Highway patrol or Metro dispatcher, to give an on the scene report. One occasion, when a car had turned over on the Palmetto Expressway, we patched the mobile to the Highway patrol and had an ambulance on the scene within 4 minutes.

Everything from experimenting to public service can be found on FM frequencies and even DX if you like it. W4TQH had a spare rig that was taken down to VP7NS in Nassau to add a little DX to the frequencies.

W4KFH from Washington DC was found on 146.940 frequency and came by for a cup of coffee at midnight and passed along some information on some stations along the east coast he had worked on the way down. He arrived in Miami on a Sunday afternoon and couldn't find a contact on 146.940. The group was on the 146.900 frequency having a transmitter hunt. The hidden mobile was between two estates on the ocean and just about to be run out of the bushes by the Wackenhut security guard when he suddenly found the area over run with cars with antenna's on them. The hunt ended soon after all were happy with no shots fired.

On March 14th conditions were real fine and K4ANW worked South Carolina, Georgia, Jacksonville, Daytona, Ocala, and many more FM stations throughout the state. Tampa, Ft. Pierce, Ft. Lauderdale, and Nassau have become familiar log entries in the Miami area.

Many of the more active stations recently gathered at K4EBG's QTH to discuss the operation of a repeater to increase the range of the mobiles in the Miami area. WA8UTB from Detroit was in Pompano and drove down to the meeting and was guided in by K4SJT in Ft. Lauderdale, and W4URY in Opa Locka on the 146.940 frequency. He gave us a few pointers and hints from repeaters in the Chicago and Detroit areas, and was a welcomed guest.

I am interested in compiling a Florida FM Directory, listing cities, stations, frequencies and any other pertinent data that would be of interest to a traveling mobile or a base station, wishing to point his antenna in the direction of some FM activity. I would welcome a QSL, a card or letter from individuals or clubs or a group spokesman giving me all the information that you can list pertaining to FM activity, antenna's used, teletype activity, schedules, make of equipment, amount of power, etc. A list of cities could be published here in Skip or individual calls could be put into a directory. Many out of state mobiles have asked me about how many cities in Florida are using FM and what cities on the way up state they might be able to make a contact with on 146.940, the national calling frequency. So, let's get some information together and send it to me at 6301 S.W. 93 Avenue, Miami, Florida, 33143. I am sure that if we have a good response from the active FMers in Florida, that we can get a directory copied, mimeographed, or something done. Recently, my XYL, WA4NQS had the ingenuity to take and perforate a RTTY tape to make 75 copies of a Sunday School lesson. We could surely do the same for a directory.

Coming Events

All Florida amateurs are put on notice for the following important Events: Orlando Hamfest April 29th and 30. (See April SKIP p. 7 for details). St. Pete Hamfest May 15th. (See this issue). Armed Forces Day Communication Tests May 20th. Suggest freqs to be used in Florida: NSS CW 4015 and 7301kc. RTTY 40.25 and 7380 kc. Uses for crossband operation. Receiving contest on same frequencies at May 20th — 210300 GMT. See QST or CQ for complete frequency listing if desired. Let's get a lot of Florida calls on the list this year.

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